Abstract

In a pumping apparatus (1) with a peristaltic drive device (3) for pumping a medium through a line (4) having at least one compressible portion, containing a one-piece shaft (10) with cams arranged so as to be offset with respect to one another and with attached lamellae (14), positive guidance for the lamellae (14) being provided, the cams are cam segments (13) and the ratio between the lamella height (c) and the lamella stroke (h) is about 4:1 or less. In a shaft (10) for a pumping apparatus (1) with a peristaltic drive device (3), the shaft being formed in one piece, the shaft (10) is designed without a core shaft and essentially without a continuous core region or, for an increase in stability, with a thin continuous core region having cam segments (13) offset with respect to one another and contiguous to one another.

Figure 1